Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 26 Mar 2021 until 23:59 on Saturday 27 Mar 2021

Forecast Issued on Thursday 25 Mar 2021 at 17:00

Confidence: High for a couple of cold wintry days Friday and Saturday and then a return to milder conditions but lower for details regarding timing of more persistent rain and snow, especially with regard to position of slow moving band of rain Monday and Tuesday.

Headline for Friday 26 Mar 2021: Morning rain giving way to sunny spells and blustery snow showers.

Mountain weather hazards on Friday 26 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers (night)	Light rain	Heavy Rain	Sunny intervals	Light snow showers	Light snow showers	Heavy snow showers (night)
Precipitation probability							
20%	30%	50%	80%	20%	30%	30%	60%

Forecast for Friday 26 Mar 2021

Weather: Some clear spells and showers at first, the showers merging into a longer spell of rain. Then a cloudy start to the day with occasionally heavy rain, turning, above 500m, to sleet and wet snow, before clearing to drier and brighter conditions from the northwest through the late morning. The afternoon then sees a mix of sunny spells and blustery snow showers, these becoming more frequent and heavier through the evening.

Chance of cloud free mountain/hill tops above 600m: Little chance until late morning then around 90%, chances fall to around 40% again the evening.

Visibility: Periods or persistent cloud above 450-600m with patches below at first with cloud breaking and largely lifting above summits towards midday, cloud becomes occasional or periods above 600m during the evening. Away from cloud, visibility very good or excellent falling to several kilometres in rain and lighter snow showers and a kilometre or less in heavier snow.

Forecast for Friday 26 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 S	26/38 SW	27/39 S	24/36 SW	21/33 SW	22/35 SW	19/29 SW	18/28 SW	22/34 W
300	15/33 S	17/36 SW	17/36 S	17/33 SW	16/32 SW	16/32 SW	13/26 SW	14/27 SW	16/32 W
Valley	13/29 S	13/31 S	14/32 S	15/29 SW	15/30 SW	15/29 SW	11/24 SW	13/26 SW	12/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-3	4/-3	3/-4	2/-5	2/-4	0/-6	-1/-7	-2/-9
300	6/2	6/2	6/1	5/0	4/-0	5/0	3/-2	1/-4	1/-5
Valley	7/4	7/4	7/4	6/2	6/2	6/2	4/1	3/-2	2/-2
Freezing Level*	1200m	1100m	1100m	900m	600m	500m	500m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts 50mph over ridges and summits and perhaps again later in or near showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 25 Mar 2021	4.4mm	6.4mm	6.4mm

Forecast for Saturday 27 Mar 2021

Weather: Occasional snow showers soon die out on Saturday morning to leave middle part of the day largely dry with sunny spells. However increasing cloud will bring outbreaks of occasionally heavy rain east through the evening, perhaps preceded briefly by snow over the highest summits.

Maximum wind: Westerly 20-25mph, gusts around 45mph over ridges and summits especially near showers, decreasing 15mph through the morning then backing more southerly in afternoon before increasing 25-30mph in evening with gusts close to 50mph over ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Close to 90% through much of the day, chances then falling close to zero during the evening.

Visibility: Only small amounts of cloud below the summits, mainly in association with showers, lowering and thickening to become periods or persistent cloud above 450m by evening. Away from cloud visibility very good falling to just a few kilometres in snow showers and heavier rain and a kilometre or less in any heavier evening summit snow.

Temperature: **Valleys:** Around plus 1 Celsius at dawn rising to plus 9 Celsius by day.
At 600m: Around minus 2 Celsius rising to plus 2 Celsius by early afternoon.
Freezing level: Falling to around 300m through early hours, then rising above summits by evening.